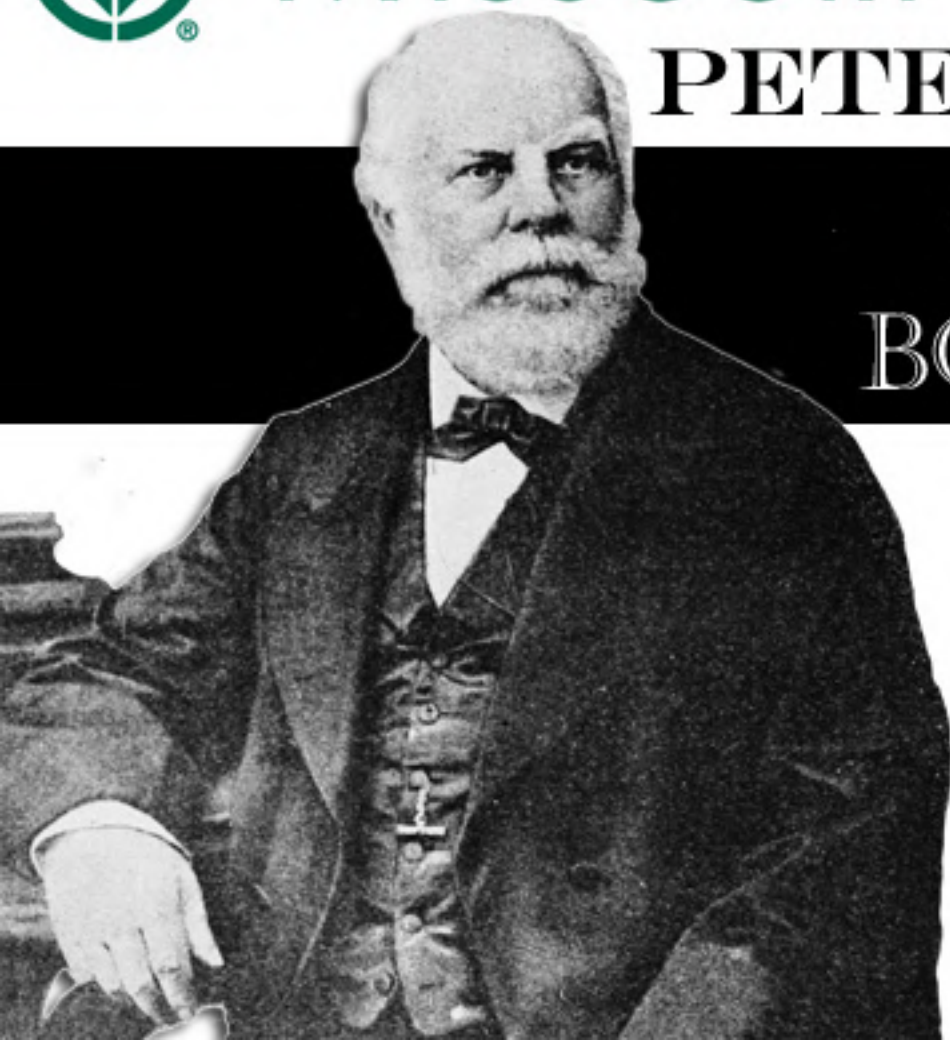


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BOTANICAL NOTEBOOKS



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*Ceanothus Trifolii* Dub.!

Penn Co England

Ch<sup>s</sup>. C. B. Broughton Leg.

The common *C. latifolius*, perhaps with a little larger anthers — scales as usual or smaller than in many german forms: calyx lobes oval, shorter than tube of Corolla; flowers 1.5 — 1.7 long pedicelled — stigma — top part of style rather shorter than the rest

The species from Cambridge has a yet shorter calyx; shorter cylindrical stigma — small scales over



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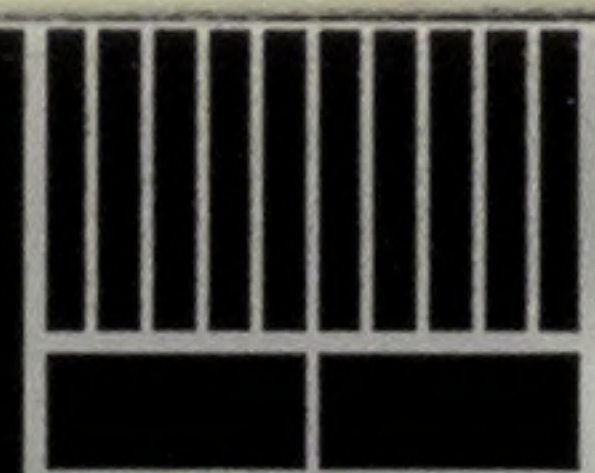


The plant of Lindley in Herb. reg. Berl. is the  
same thing with a little smaller flowers; styles  
like the Essex plant; calyx lobes ovate shorter than  
tube of corolla

*C. Trifoli* Engadin 4000' high, Griseb. has very  
large many flowered heads — flowers  $1\frac{1}{4}$  li long or with the  
rather long pedicell fully 2 lines. scales rather small  
styles shorter than the stigma — lobes of calyx lanceolate,  
as long as corolla

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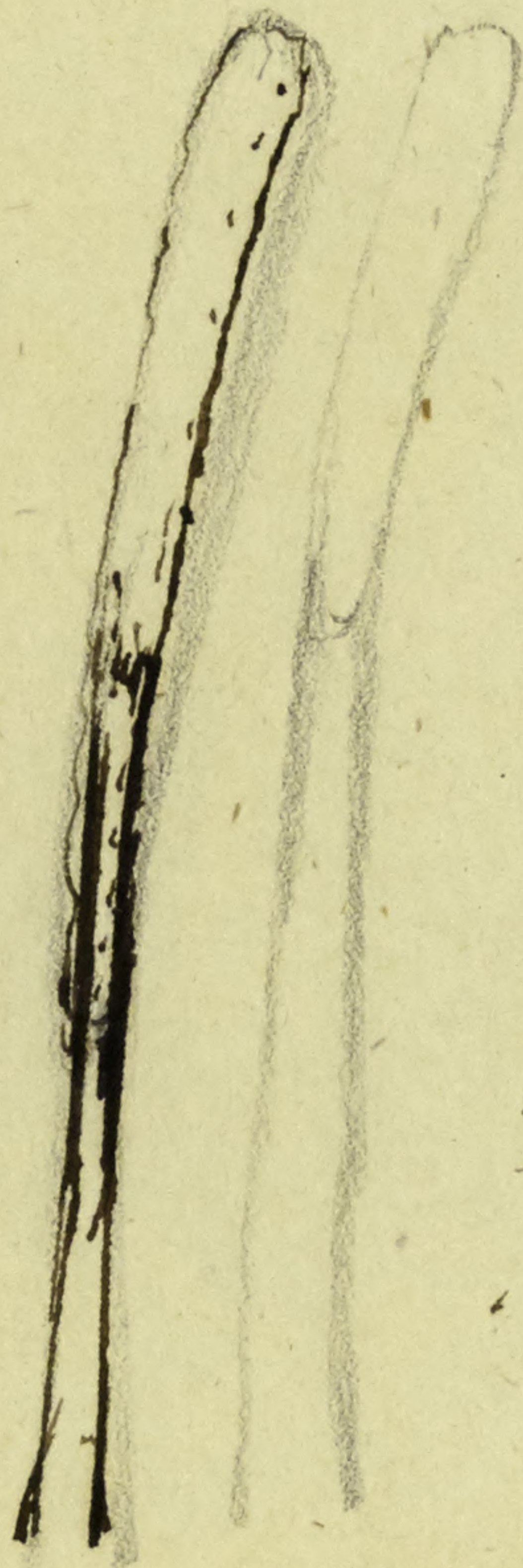
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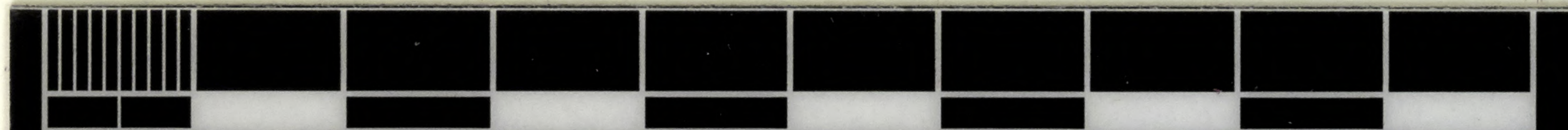
more curved?

Curate

Reichenbach. fil. N. 6

Min de Tenda, Piemont  
ou *Arenaria*

floribus glomeratis breviter pedicellatis  
calycis breviter campanulati lobis  
ovatis acutiusculis breviter imbricatis  
tubo corollae profunde lobis profunde  
breviter; laciniis corollae tubum  
fere aequantibus ovatis acutiusculis im-  
bricatis, staminibus brevibus, antheris  
oblongis filamento filiformi paullo brevioribus  
saginis medianis vix attingentibus,  
insertis adnatis, ovatis dentatis  
stylis ovario globoso parvo diffluo  
longioribus; fructu stigmatosa clavellata  
incurvata, stylis <sup>longioribus</sup> ~~adnatis~~ <sup>argenteis</sup>



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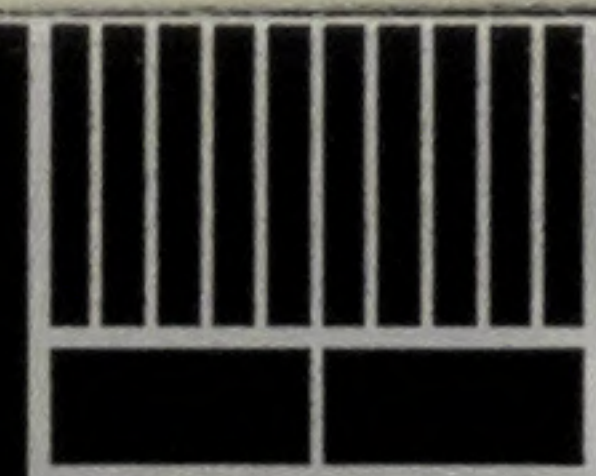


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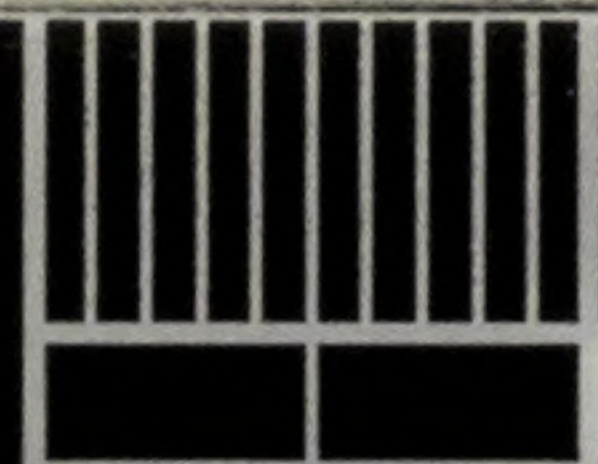




*Cuscuta Epithymum* var. *hortensis*  
on shrubby plants in the  
greenhouses in Carlisle  
begging etc. perennial and  
a very noxious weed.



floribus breviter mucropedunculatis; calycis  
breviter crassi carnosique lobis trigonatis  
acutis s. obtusiusculis (multo brevioribus late campanulatis)  
ciliatis; laciniis tubo corollae brevioribus trigonatis  
ovatis (ciliatis, crispatis); staminibus vix  
brevioribus, antheris oblongis filamentis subulatis  
paucis brevioribus; squamis ovatis fibratis  
basi solum affixis, connatis, stipitis ovam  
multo longioribus.

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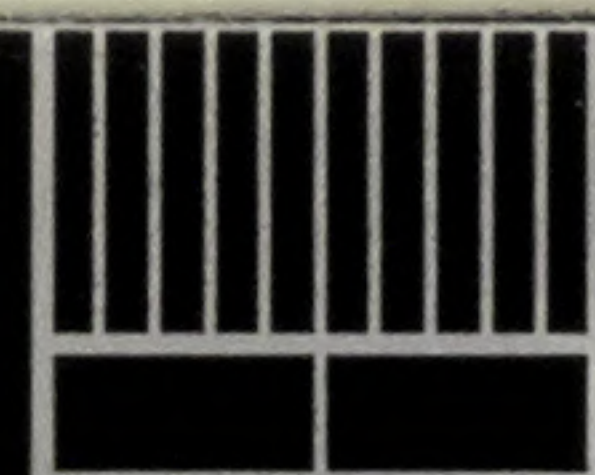
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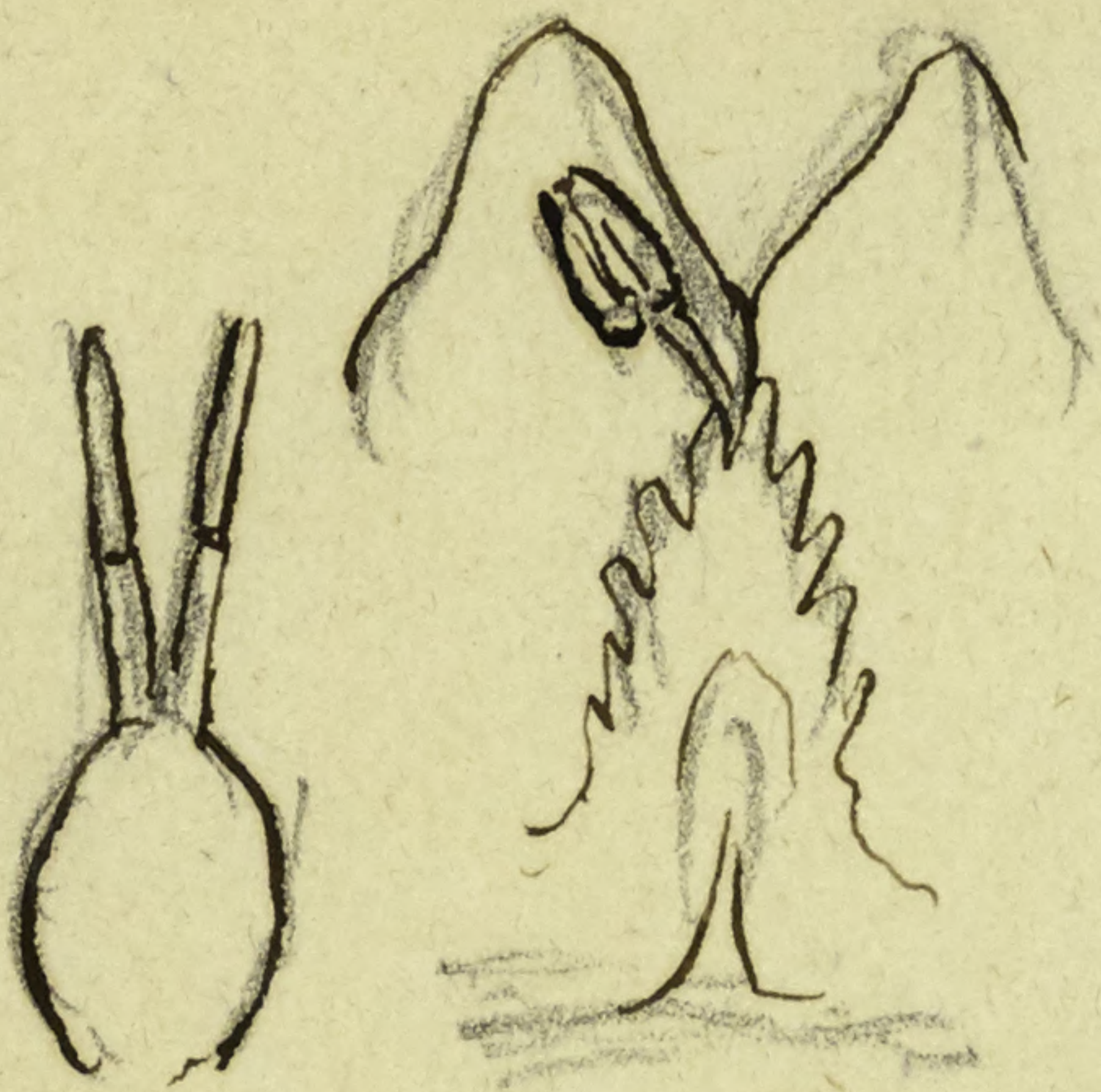
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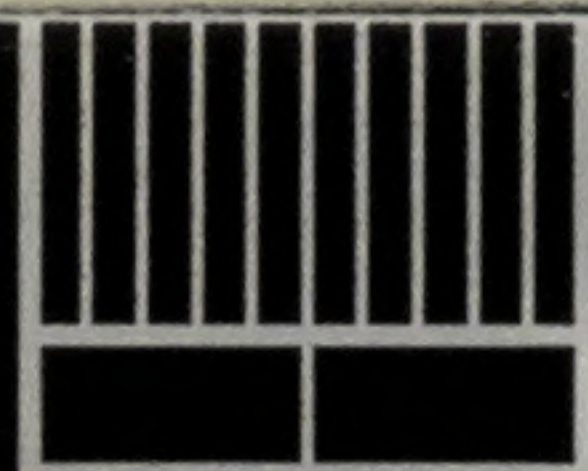
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Currents Epithymum  
 Kunze Flom 31. (1846) pag. 625  
 Willkom herb. Kiepen. N<sup>o</sup> 52. a  
 log in Sierra de Chiva, on  
 Rosmarinus, May 1844

1.5



This seems to be the true Epithymum,  
 but I find in the same glomerule  
 flowers with long, exserted tube  
 and others with tube shorter than  
 calyx; calyx imbricate and  
 not - etc. - flowers always  
 somewhat pedicelled



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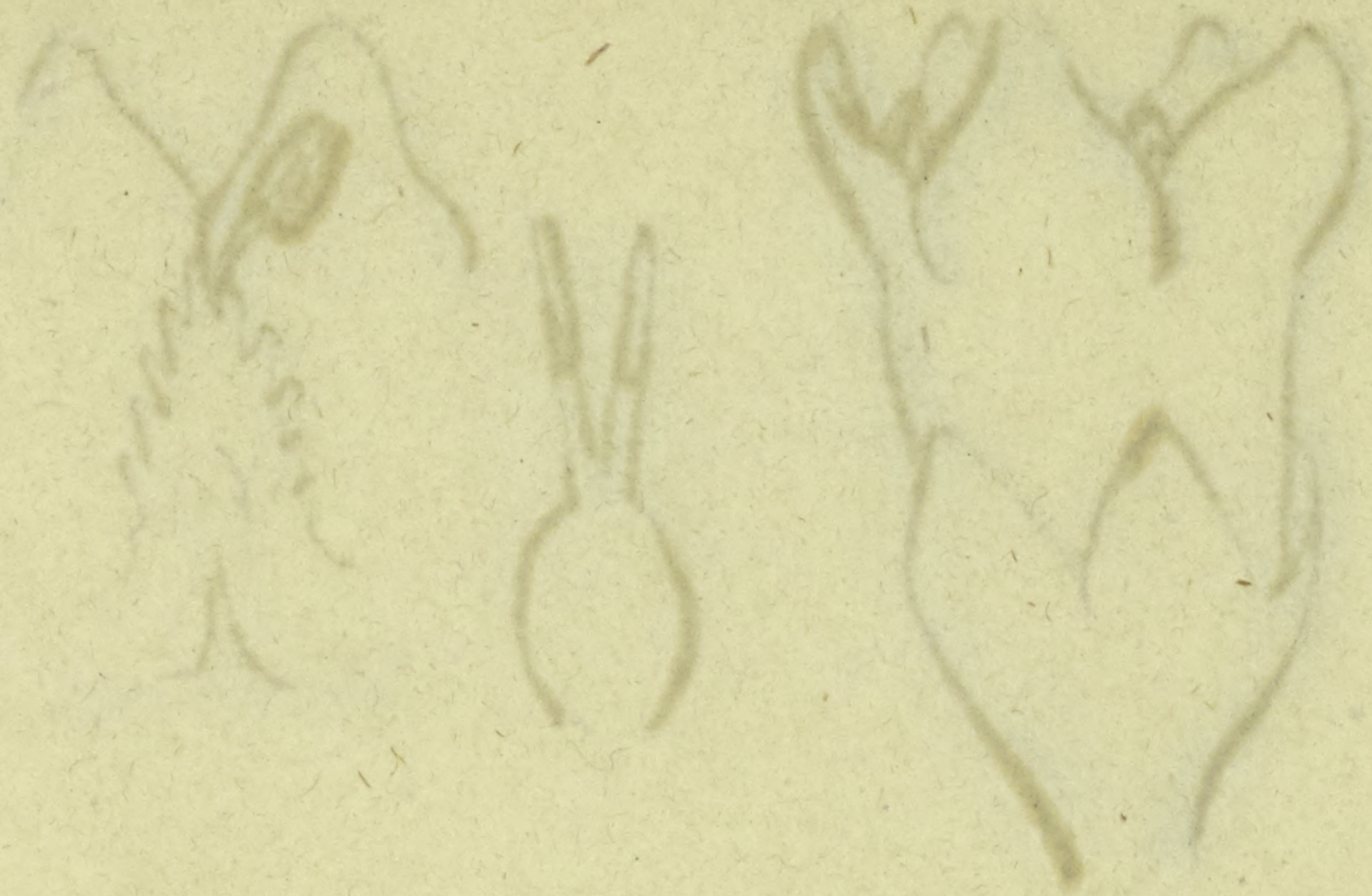
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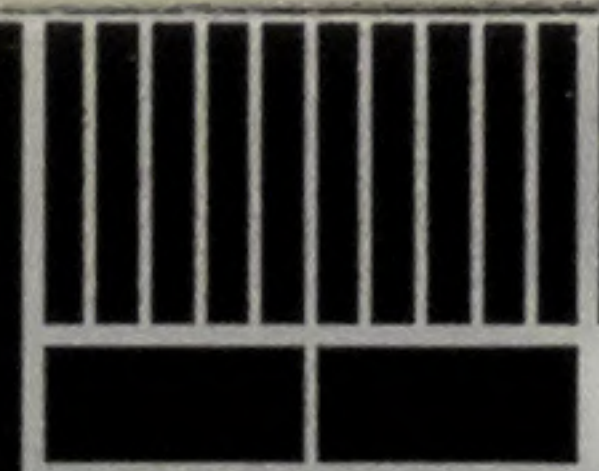
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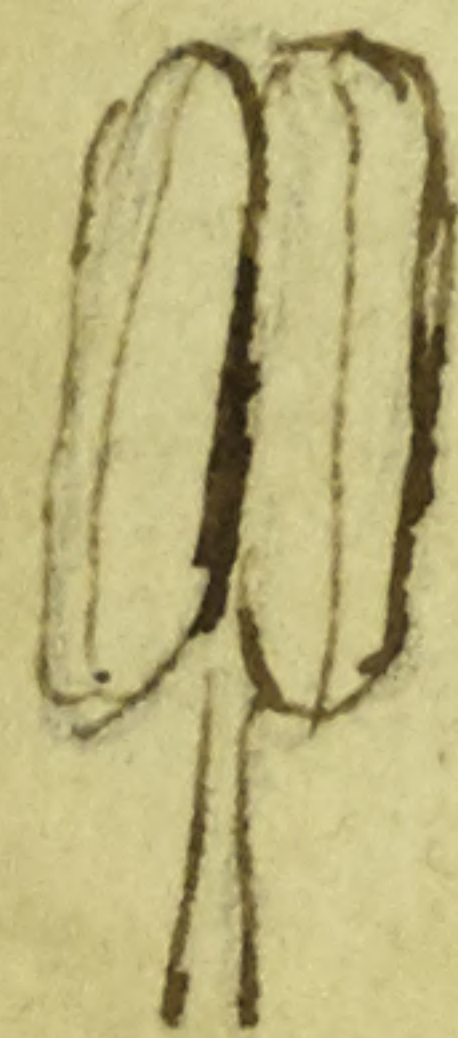
*Passerite macranthera*

Helldreich & Sartori

in Doiss. diag. 2. p. 126

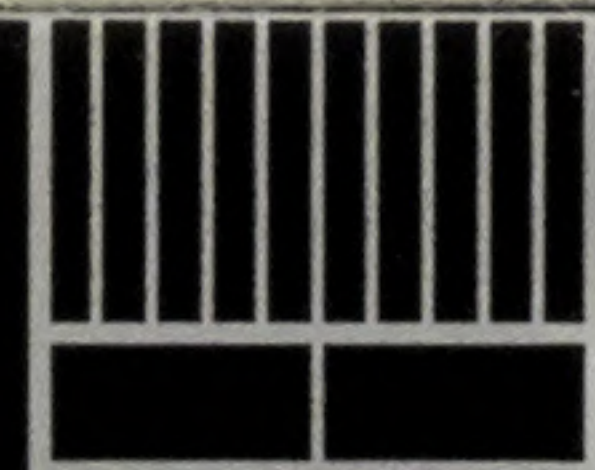
Tarnassus

Ex herb. reg. Berl.



Paris, (over)

This seems to be a form of  
*C. Epithymum*. I find some with  
 a very thin and short calyx, others  
 lobes, others with calyx as long as  
 tube of corolla, a little thicker, coloured,  
 and in these also the lobes of corolla  
 more acute:— flowers with very  
 short pedicels — styles same as  
 in the common form. The only  
 remarkable difference is in the very  
 narrow scales which are very little  
 distinct. — *Florunda mulleri*



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with flower flowers than in the common *Epithymum*

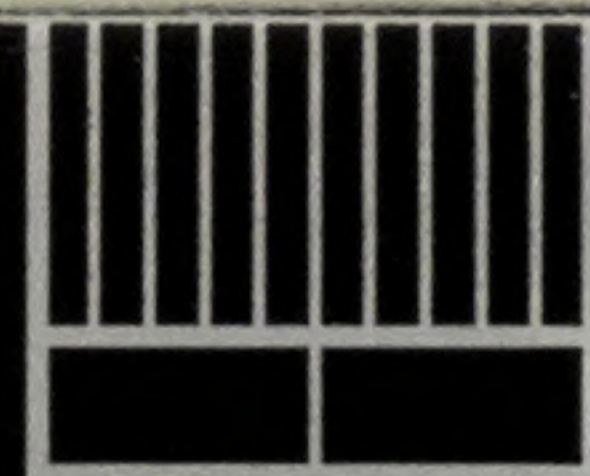
*Rexameris* species in Paris (Hb. Com. & Hb. Gay) find the drawing correct  
anthers large, oblong, obtuse, with — lobes of only 2 membranaceous,  
divided below the middle, obtusae, shorter than tube of corolla.

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*C. macrotheca* Held & Sart. Cal. capill. capitulis densis  
majusculis basi bracteis serratis fulvis; flor. steril  
nonnullis ad basin; fert. brev. pedicell. cal. lobis  
ovato triangularibus obtusiusculis cor. tubo subaequalibus;  
lacinis ovatis acuminatis; antheris filis unguibus subaequalibus  
longis rubris oblongis acutiusculis; stylis capsulae  
aequalibus.

Differs ab *Epithymo*, calycis tubi tubo attenuato  
lobis obtusiusculis, antheris majoribus exsertis, corollae  
limbo patentissimis.



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space a  
little too  
long



*Curcul. Callipes*

Heldreich & Sartor  
: Boiss. Diagn. 2. p. 128  
on *Daphne buxifolia*

*Parnassus*

leg. Guicciardi 1855

He Berlin.

is nothing but *C. Epithymum*  
with a short calyx, scales  
large, stigma as long as style.  
There is no difference at all  
from the common form.  
Anthers large, filaments shorter



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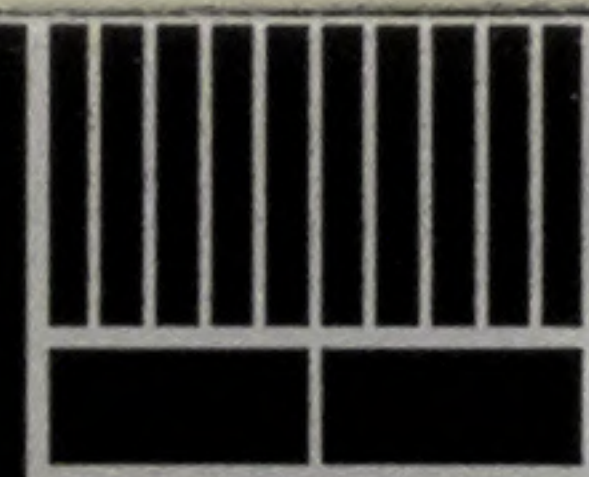
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*is nothing but C. ep...*  
*Do not say*  
C. Callispa capitulis ebracteatis; fl. steril nullis; ~~fl.~~ pedicella  
calycis aequilongis, obconico corollae tubo diam. & aequata  
lacini coroll. obtusiusculis triangularibus  
ab Epithy — capitulis ebracteatis, flores distinctius pedicell.  
bene distincta!



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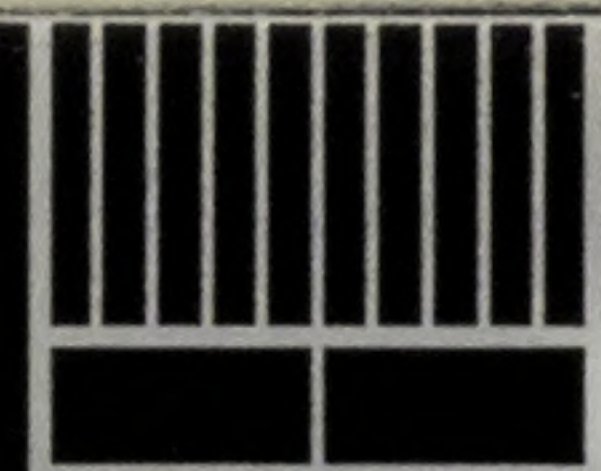
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Paris July 1858



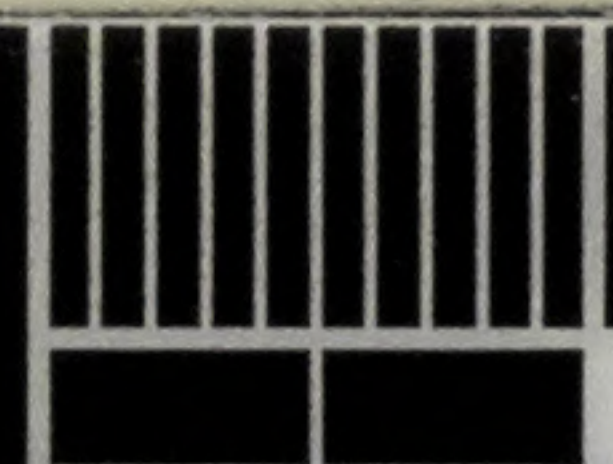
Cuscuta Epithymum  
on Ulex nanus

Marsden Bay;

Sr W. Hook

Herb. Mus. Paris

This is a very peculiar variety  
with very short <sup>rounded</sup> obtusish, largely  
imbricate calyx lobes, exsert tube,  
expanding limb, lobes broad, oval  
scarcely acute; styles of the same  
character. Pedicel short



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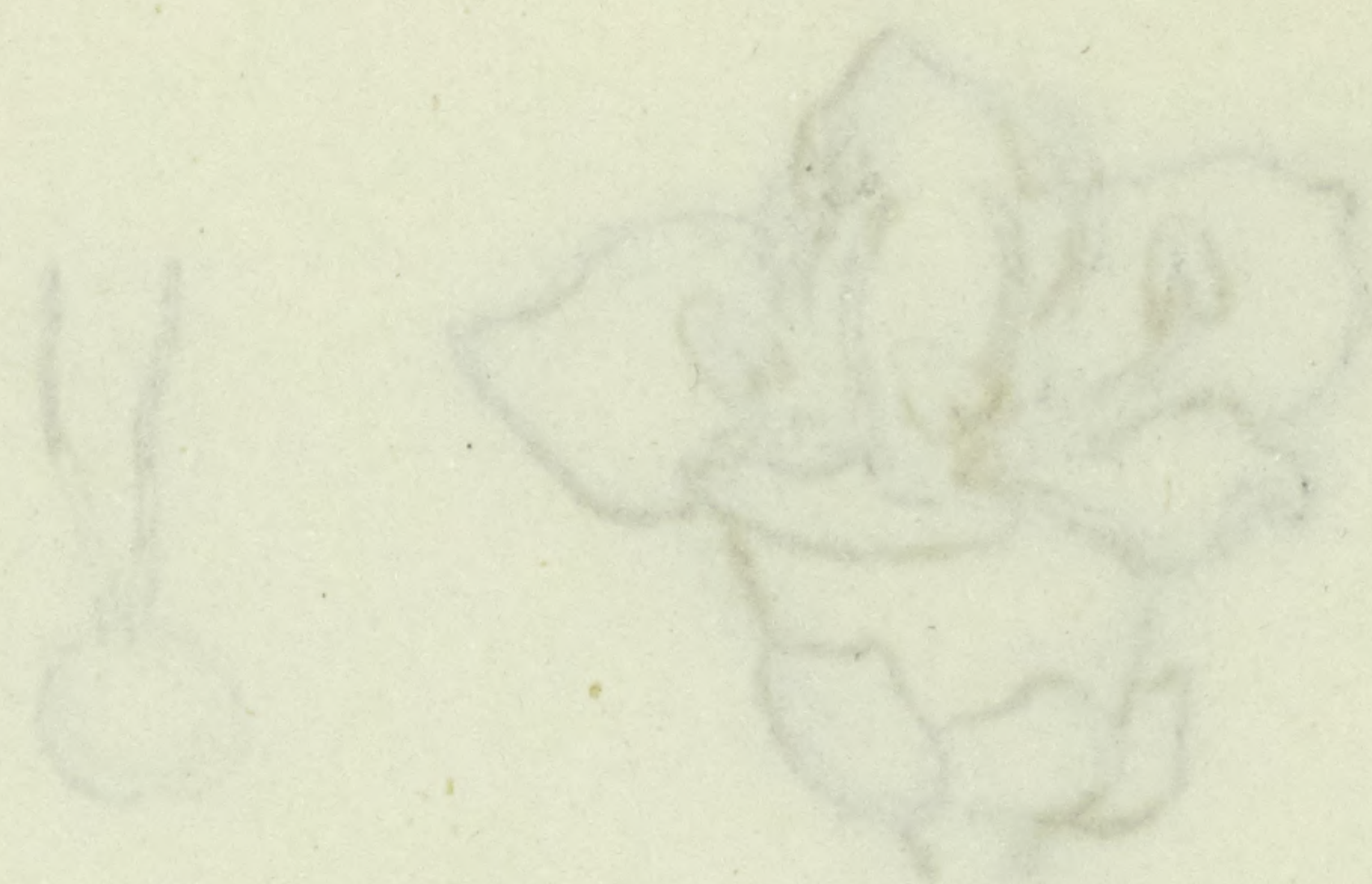
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Cuscuta

Monte Corsione  
on *Genista lobelia*

L. Kralik

Corsica

14 July 1849

Herb. Comm. 54

Herb. Gay

This seems to be exactly the plant described and figured on No 136 from the holhouses of Freiburg — It is very well distinguished from the common *C. Epithymum*, by the small few-flowered loose heads, the short fleshy calyx, the rather larger ovary, and proportionately shorter styles and the more elongated anthers.

It unites *C. obusiloba* (fig 263 & 254) with *C. Epithymum*.

Heads very few flowered, flowers pedicelled same as *obusiloba*, only anthers a little shorter lobes of calyx and Corolla more acute

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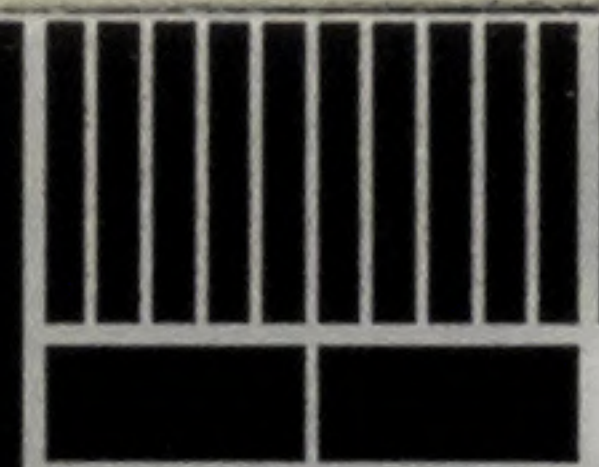
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296



pale  
brown  
red

whitish  
green

pale  
green  
yellow

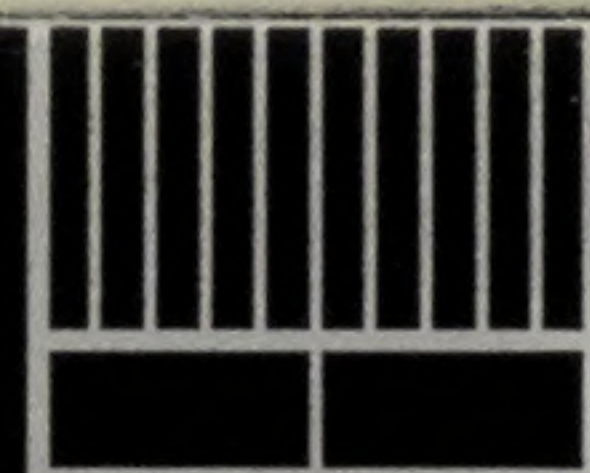


yellow



fresh flowers

Cuscuta Epithymum, on Erica vulgaris, Bois de Fontainebleau  
July 19 1857



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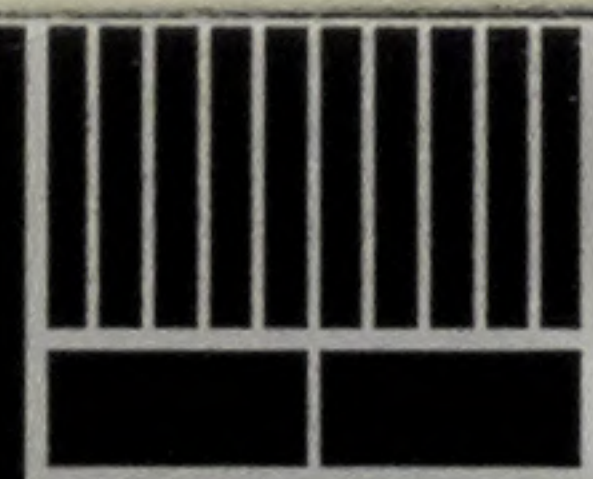


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filament sessile, attenuate at base,  
calyx lobes deeply divided ovate lanceolate, acute  
or acuminate shorter or as long as ~~calyx~~  
tube of corolla, lobes of corolla ovate tri-  
angular acute or ~~acuminate~~ petulant or reflexed,  
nearly as long as tube or shorter; ~~stamens~~  
yellow, apiculate; scales much shorter  
than ~~calyx~~ flower tube incurved, styles  
filament as long as depressed ovary, as long as  
anthers when in full flower, longer afterwards  
stigmatose to the middle

Lower part of ovary fleshy, compact upper part forms the  
ovary proper and contains the 4 ovules



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Cist p. 462

*C. Epithymum*

*B. macranthem*

*C. macranthem* Heller & Sart. x

*alba*  
*Calliopes*

-119

-136

-153 Willk .52. a

-170 *C. macranthem*

-171 *C. Calliopes*

-255

-262

277 Hausman 1366

~~284~~

282

-283

Enclosed (2-21)



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4339

*C. p. thymum*  
*C. p. thymum*  
*C. p. thymum*

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(18-1) 1850-1851



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